

EAST Search History

S97	0	S95 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S98	1143416	interconnect\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S99	1799542	copper or cu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 0	711	S98 and S99 and S96	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:23
S10 1	442170	inhibitor or (native adj1 oxide) or (copper adj1 oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 2	108	S100 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 3	1	S94 and inhibitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 4	1	S94 and electroplat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15

EAST Search History

S10 5	1	"6287977".pn. and electroplat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 6	107	S102 and (al or aluminum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 7	1	S105 and (al or aluminum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 8	2	"6287977".pn. and dielectric	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S10 9	2	"6350687".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 0	518	inhibit\$4 with (cuo or (copper adj1 oxide) or ((nature or native) adj1 oxide))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 1	72	S110 and sputter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 2	0	vapor\$8 with inhibitor with (cu or copper) with ((copper adj1 oxide) or cuo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15

EAST Search History

S11 3	21	vapor\$8 same inhibitor same (cu or copper) same ((copper adj1 oxide) or cuo)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 4	665145	tan or ta or (tantalum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 5	448	((plasma near3 chemical) or Pecvd) with S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 6	357	semiconductor and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 7	1	S94 and deposit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S11 8	6	((("20040152301") or ("20020115287") or ("20020028576") or ("6709987") or ("6559061") or ("6287977"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/10/04 17:15
S11 9	6	S118 and vapor\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 17:15

EAST Search History

S12 0	34	(US-20010050226-\$ or US-20010050223-\$ or US-20050069646-\$ or US-20030116427-\$ or US-20050255700-\$ or US-20040152301-\$ or US-20010032783-\$ or US-20040014312-\$ or US-20020115287-\$ or US-20040127069-\$ or US-20050095847-\$ or US-20050064708-\$ or US-20020028576-\$ or US-20040023483-\$ or US-20040262772-\$).did. or (US-5656099-\$ or US-6003243-\$ or US-5783162-\$ or US-RE36290-\$ or US-6875693-\$ or US-6787006-\$ or US-5643692-\$ or US-5595686-\$ or US-5543648-\$ or US-5525564-\$ or US-5580808-\$ or US-5314724-\$ or US-5573648-\$ or US-5720858-\$ or US-4836929-\$ or US-5863503-\$ or US-6709987-\$ or US-6444104-\$ or US-6287977-\$ or US-6451177-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/04 17:15
S12 1	321026	plasma\$	US-PGPUB; USPAT	OR	OFF	2006/10/04 17:15
S12 2	442170	inhibitor or (native adj1 oxide) or (copper adj1 oxide)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S12 3	242752	sputter\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S12 4	28715	S121 with S123	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S12 5	1799542	copper or cu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15

EAST Search History

S12 6	8170	S122 with (S121 or S123)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S12 7	511	S124 and S126	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S12 8	355	S125 and S127	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S12 9	292	S128 and @ad<"20031215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 0	33	"6287977"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 1	642818	sacrific\$5 or S122	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 2	2136	S123 with S131	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 3	30275	S132 or S124	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15

EAST Search History

S13 4	12225	S131 with (S121 or S123)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 5	2536	S133 and S134	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 6	1665	S125 and S135	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 7	1215	S136 and @ad<"20031215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:15
S13 8	2	("5534730" "6485618").PN. OR ("6784105").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/10/04 17:15
S13 9	1	("20030003705").PN.	US-PGPUB; USPAT	OR	OFF	2006/10/04 17:15
S14 0	48448	(438/618-757).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 17:20
S14 1	4077	S140 and (inhibitor or corros\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 20:57
S14 2	3265	(opening or viahole or via or hole or aperture) and S141	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:22

EAST Search History

S14 4	1522	S142 and @ad<"20001215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:25
S14 5	48448	(438/618-757).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 20:57
S14 6	4077	S145 and (inhibitor or corros\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 20:57
S14 7	3265	(opening or viahole or via or hole or aperture) and S146	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 20:57
S14 8	1522	S147 and @ad<"20001215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 20:57
S14 9	183	S148 and (inhibitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:05
S15 0	4	((("6350687") or ("6287977")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/04 21:20
S15 1	48496	(438/618-757).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/05 06:18

EAST Search History

S15 2	4084	S151 and (inhibitor or corros\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 06:18
S15 3	3270	(opening or viahole or via or hole or aperture) and S152	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 06:18
S15 4	1522	S153 and @ad<"20001215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 06:18
S15 5	183	S154 and (inhibitor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 06:18
S15 6	1339	S154 not S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/05 08:47
S15 7	3	"20030181005"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/05 09:08
S15 8	3	S157 and stress	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 13:03
S15 9	1	11/096515	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 09:36

EAST Search History

S16 0	0	10/1853565	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 13:07
S16 1	1	10/853565	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 13:16
S16 2	0	10/104598	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/05 13:17
S16 3	556567	"159" or "161"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 09:40
S16 4	1	11/096515	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 09:40
S16 5	1	10/853565	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 09:40
S16 6	2	S164 or S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 10:18
S16 7	2	"20030077897"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/06 10:18

EAST Search History

S16 8	69	(US-20040152301-\$ or US-20040056361-\$ or US-20040023483-\$ or US-20050069646-\$ or US-20040262772-\$ or US-20050173239-\$ or US-20010032783-\$ or US-20020028576-\$ or US-20020185370-\$ or US-20020117399-\$ or US-20020115287-\$ or US-20010050226-\$ or US-20010050223-\$ or US-20040094402-\$ or US-20040014312-\$ or US-20050095847-\$ or US-20050064708-\$ or US-20050255700-\$ or US-20050054202-\$ or US-20030116427-\$ or US-20020090804-\$ or US-20010010974-\$ or US-20040127069-\$ or US-20020162736-\$ or US-20020155701-\$ or US-20020119653-\$).did. or (US-20040137750-\$ or US-20040048462-\$ or US-20050045997-\$ or US-20040063307-\$ or US-20030189228-\$ or US-20020125805-\$).did. or (US-6287977-\$ or US-6787006-\$ or US-6451177-\$ or US-6709987-\$ or US-RE36290-\$ or US-5863503-\$ or US-5783162-\$ or US-5720858-\$ or US-6444104-\$ or US-6875693-\$ or US-6682659-\$ or US-6531389-\$ or US-6486108-\$ or US-6451707-\$ or US-6417112-\$ or US-6380073-\$ or US-6339019-\$ or US-6333268-\$ or US-6319809-\$ or US-6316350-\$ or US-5573648-\$ or US-5580808-\$ or US-5543648-\$ or US-5525564-\$ or US-4836929-\$ or US-6003243-\$).did. or (US-5656099-\$ or US-5314724-\$ or US-5643692-\$ or US-5595686-\$ or US-6764940-\$ or US-6797642-\$ or US-6784109-\$ or US-6777333-\$ or US-6812131-\$ or US-6784105-\$ or US-6656841-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/10/12 23:00
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EAST Search History

S16 9	16	S168 and (inhibit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:05
S17 0	1	10/736395	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 23:11
S17 1	1	S170 and monolayer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/10/12 23:26
S17 2	568058	corros\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:26
S17 3	120893	(prevent\$4 or inhibit\$4) near5 S172	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:27
S17 4	8623061	opening or viahole or via or aperture or hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:28
S17 5	1804571	copper or cu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:29
S17 6	11176	S173 same S174	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:29

EAST Search History

S17 7	2958	S175 and S176	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:29
S17 8	1763	S177 and @ad<"20031215"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:29
S17 9	601	semiconductor and S178	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:33
S18 0	1756722	semiconductor (semi adj1 conductor)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:33
S18 1	605	S180 and S178	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/12 23:34